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**From:** Daly, Eric  
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**Subject:** NFB Excavation Proposal  
NFB Aerial Excavation Proposal-Figure 09-14-2016.pdf

Good Evening:

Below and attached is a proposed excavation plan with figure. Please let me know what you all think. Thanks

Below is a draft figure on locations of potential staging areas, Conex Boxes and fencing.

A. This is the proposed area for Non-Containerized staging of excavated material. We would do this when we run out of container space, we have a T&D bid awarded and know our first load out date. The key is not to leave a stagnant pile in one place for a long period of time.

B. Would be gate access for loading of material to T&D dump truck.

C. This is a proposed area for Conex Box staging of super sack on pallets to be direct loaded into T&D dump truck. This is my least favorable area since we would take a lot of room up with additional fencing to keep public out of that area.

D. I like this Conex staging area with doors facing Area E. This works well with temporary staging of super sacks from Area E until T&D awarded. Also, once Area E is backfilled and rocks put in we can use that area as Conex Box storage if needed.

E. First excavation area and eventual Conex staging area.

F. This is our initial staging area. Eventually we can remove those Conex

boxes and relocate to Area E. Then maybe access this area from the northern end. Move that excavated material to Area A that way. Eventually, that can be used as a fenced in route move material to the staging area.

- If this setup or a version of it works, we can keep Areas A, D and E as the staging area. While we are doing excavation in those areas, personnel and equipment will need to be scanned and deconned prior to exiting the area.

- In the proposed area/s for Non-Containerized staging of excavated material-I do not think we need to place a ground liner as long as the areas are on the phase 1 properties, the ground is contaminated and still need to be removed. However, we do need to ensure we have a good liner to cover the pile for the interim and some sort of berm installed around the circumference to ensure there is no movement of the material.

- Initially, I would like to put the material in super sacs, super sacs onto pallets and pallets into Conex Boxes. Then we can direct load the super sacs into a dump truck once we have the T&D awarded. Once we have the T&D first pickup scheduled, we can perform some non-containerized temporary staging leading up to the pickup.

- When we start to excavate southern areas of the property near the businesses:

- o We can fence that area.

- o One option is to excavate within that area and load into another piece of equipment's bucket located outside the fencing. This piece of equipment is not driving in the hot zone. Then cover that bucket and relocate to the Non-Containerized staging pile.

- o Second option would be to excavate and fill super sacs. Super sacs put on a pallet and relocated via lull to a Conex in the staging area.

- Decon Tents/Trailer

- o We are looking into obtaining a mobile decon trailer.

- o When we work in the A, D, E areas, we can put a decon trailer on the perimeter of the fence that the team thinks is best. We can discuss what would be the best location for this. The entrance is connected to hot zone and exit into parking lot or other area.
- o The decon trailer will follow the excavation team.

